NOTE:
MD 450 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS

6.7

BLACK PANEL

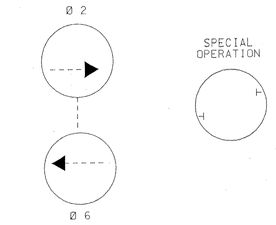
S1-1 (FYG)
42" x 36"

PROPOSED SIGNALS

1- 5

R 12"
Y 12"
Y 8"

NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

A. Install 27' steel pole (cut to 21') with a 60' mast arm, traffic signal heads, signs, controller cabinet, 3" weatherhead, control and distribution equipment as shown. (Note: 1-3, 90° PVC (Schedule 80) bend.)

B. Remove existing bush.

C. Install handhole.

D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

E. Excavate the slope for the installation of the signal equipment and grade for the retaining wall.

F. Proposed overhead electrical service by BG&E.

G. Proposed overhead telephone drop by C & P.

H. Install 24" white heat applied thermoplastic preformed permanent pavement marking.

J. Remove the existing centerline pavement marking lines between the proposed stoplines. lines are not shown on this plan.

K Install heat applied thermoplastic pavement marking "Left Turn" arrow.

L. Install a retaining wall with 4" x 6" pressure treated lumber and dead man supports.

M. Install 5" white heat applied thermoplastic preformed permanent pavement marking edgeline.

N. Remove existing edgeline pavement marking within the limits of the proposed by-pass lane (515').

O. Install 5" white heat applied thermoplastic preformed pavement marking (laneline).

P. Install 5" white heat applied thermoplastic preformed pavement marking (puppy-tracks).

Q. Remove existing edgeline between proposed stoplines (approx. 80').

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A —
ELECTRIC — E —
TELEPHONE — T —
GAS — G —
SEWER — S —
WATER — W —
CABLE TV — TV —

STREET TRAFFIC STUDIES, LTD.
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4016.dgn TASK-22

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — 8-6-01
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 8/06/01
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 8/09/01
	DIRECTOR, TRAFFIC & SAFETY — 8/9

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 450 AND ENTRANCE TO HOLY TRINITY EPISCOPAL DAY SCHOOL

DRAWN BY:	DA NIES	F.A.P. NO.		TS NO. 4114	SHEET NO. 1 OF 2
CHECKED BY:	RRZ KAM	S.H.A. NO.	P2431151		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. E 669	
DATE:	8-1-01	LOG MILE:	16045011.95		